

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083435.D
 Acq On : 22 Aug 2024 14:56
 Operator : JC\MD
 Sample : P3656-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:41:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	125128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106402	59.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.480%
35) Dibromofluoromethane	8.165	113	84352	52.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	10.565	98	301135	49.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.847	95	136881	58.026	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.060%

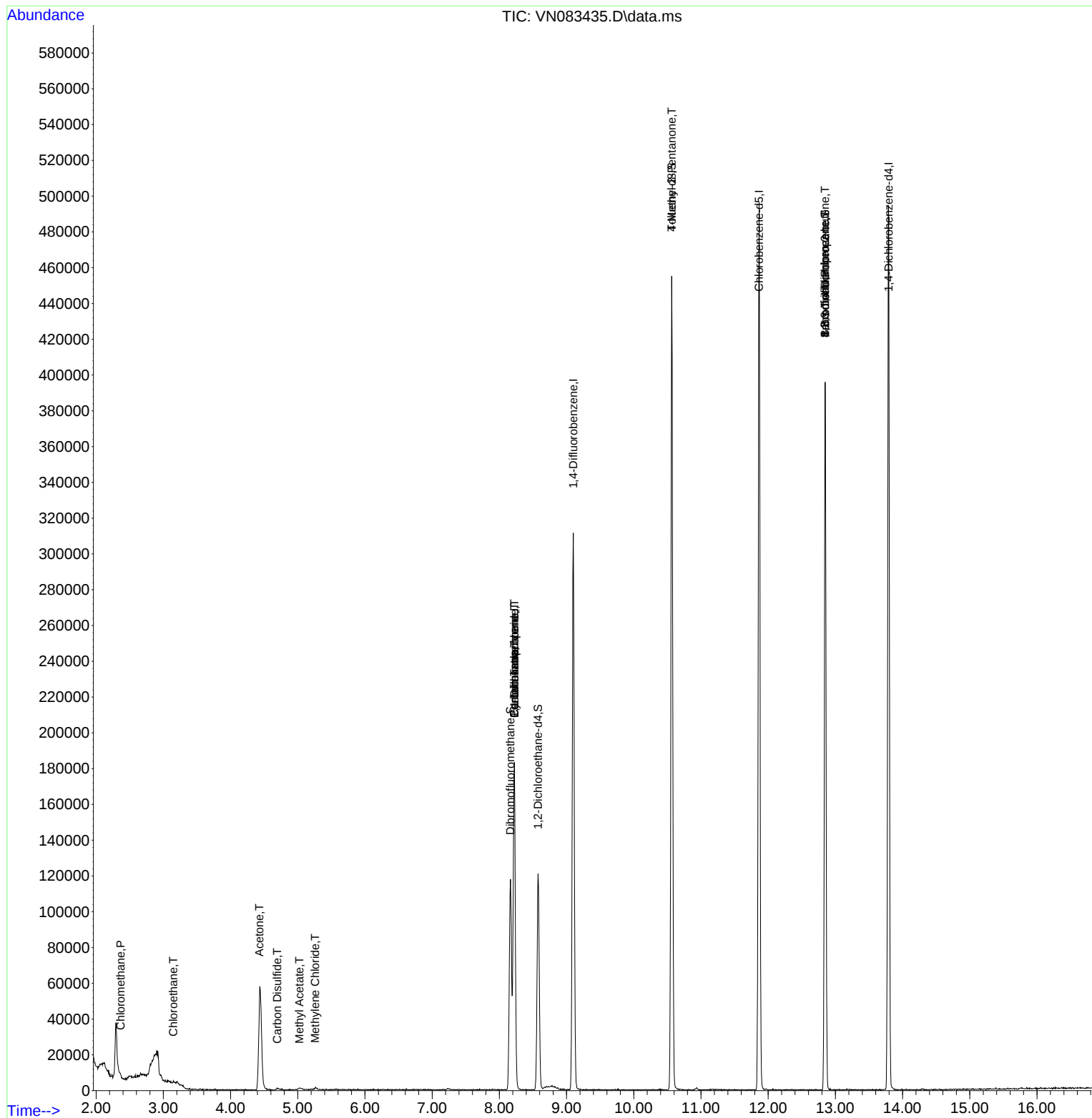
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	815	0.561	ug/l #	87
6) Chloroethane	3.148	64	946	1.020	ug/l #	41
16) Acetone	4.430	43	2018	2.896	ug/l #	48
17) Carbon Disulfide	4.694	76	1763	0.434	ug/l #	75
18) Methyl Acetate	5.024	43	2576	1.241	ug/l #	88
20) Methylene Chloride	5.259	84	511	0.319	ug/l #	45
31) Cyclohexane	8.224	56	3078	1.166	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	12021	4.899	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14298	5.173	ug/l #	17
43) Isopropyl Acetate	8.694	43	1389	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1701	0.655	ug/l #	1
71) Bromoform	12.847	173	796	0.492	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	76279	26.426	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76279	57.482	ug/l #	6

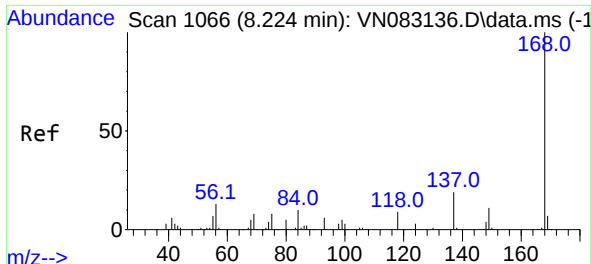
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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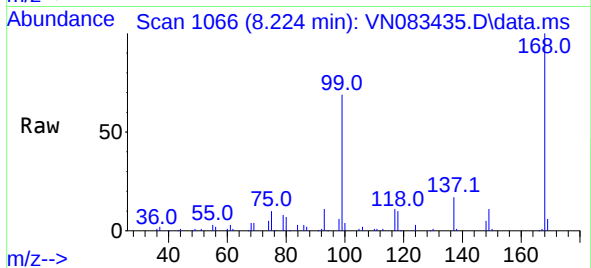
Quant Time: Aug 23 01:41:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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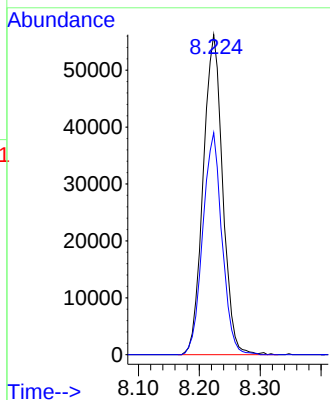
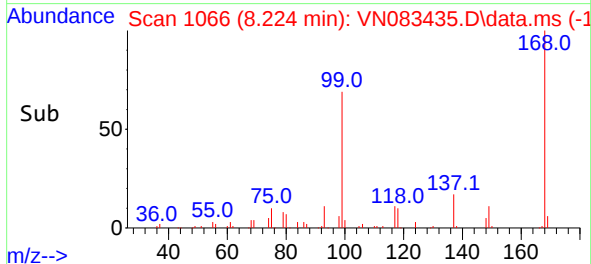


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

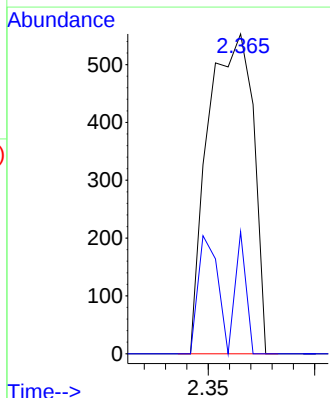
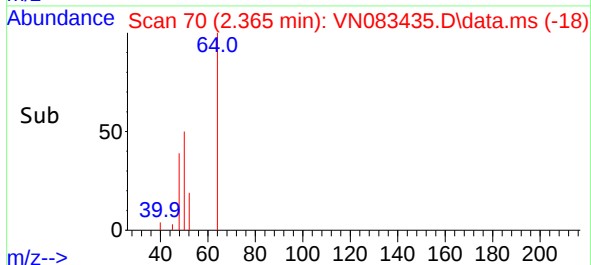
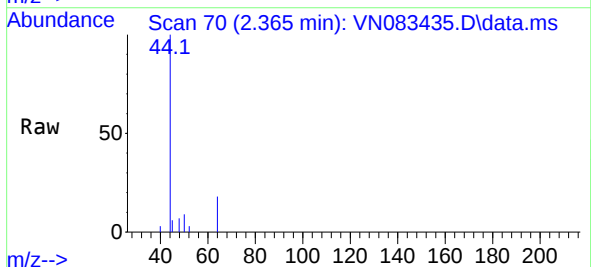


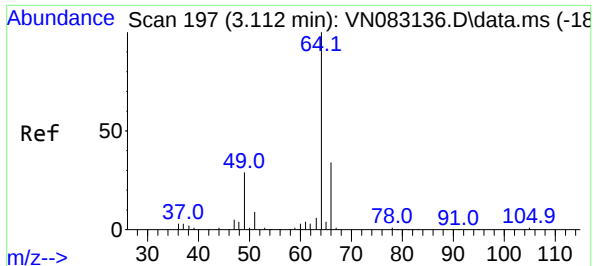
Tgt Ion:168 Resp: 125128
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4



#3
Chloromethane
Concen: 0.561 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

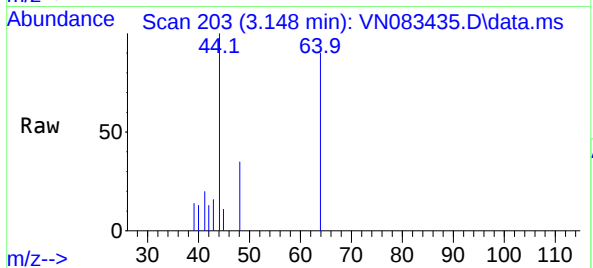
Tgt Ion: 50 Resp: 815
Ion Ratio Lower Upper
50 100
52 38.2 25.0 37.4#



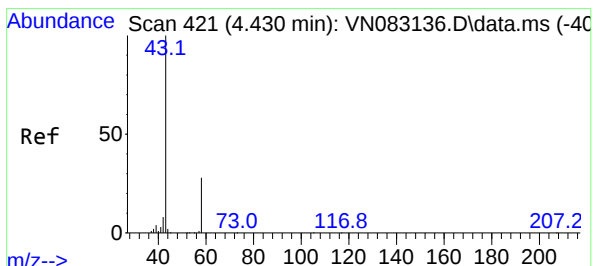
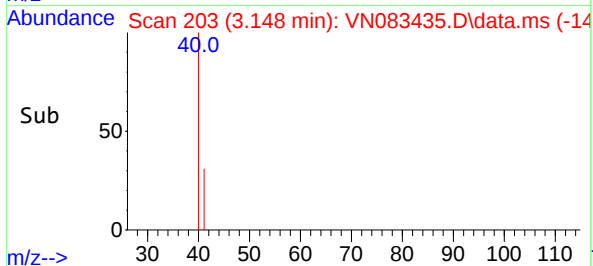
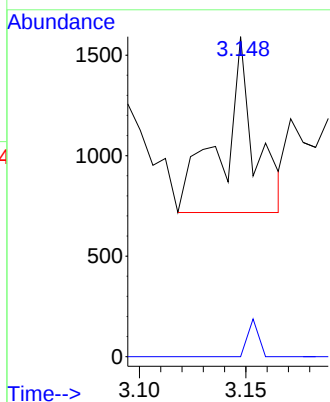


#6
Chloroethane
Concen: 1.020 ug/l
RT: 3.148 min Scan# 20
Delta R.T. 0.035 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

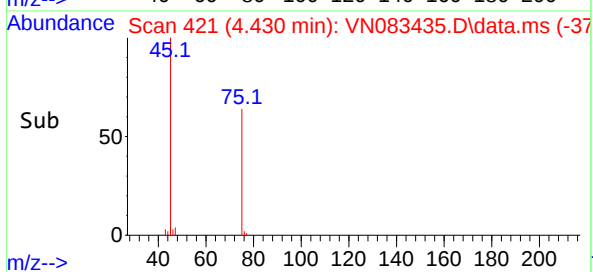
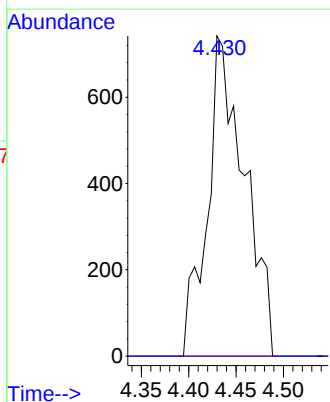
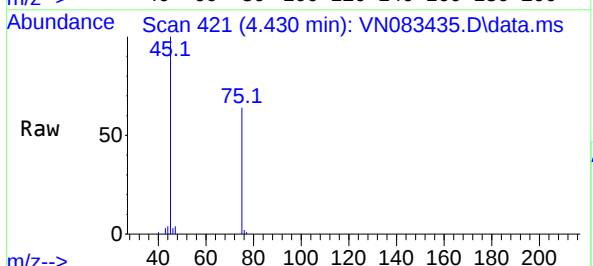


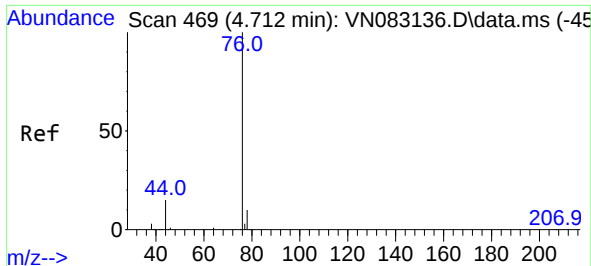
Tgt Ion: 64 Resp: 946
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#16
Acetone
Concen: 2.896 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

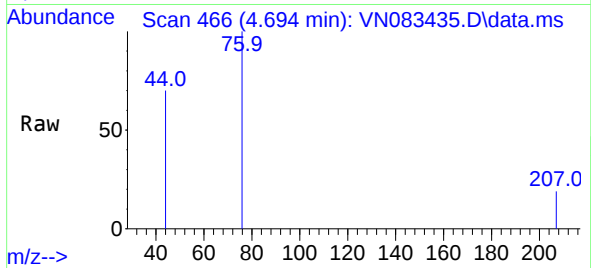
Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



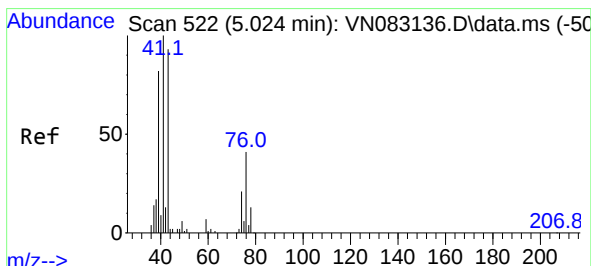
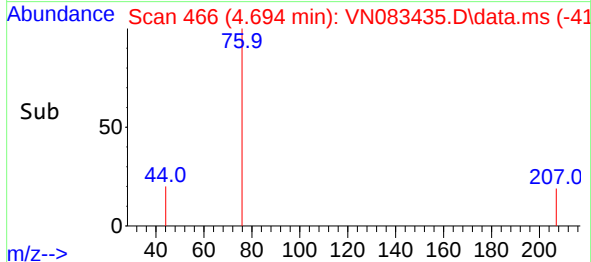
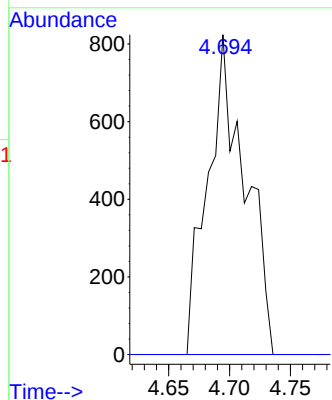


#17
Carbon Disulfide
Concen: 0.434 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

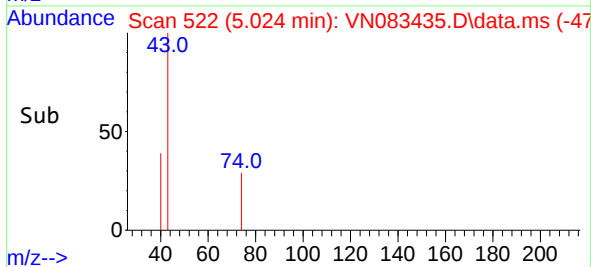
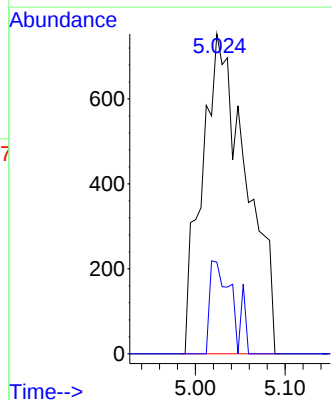
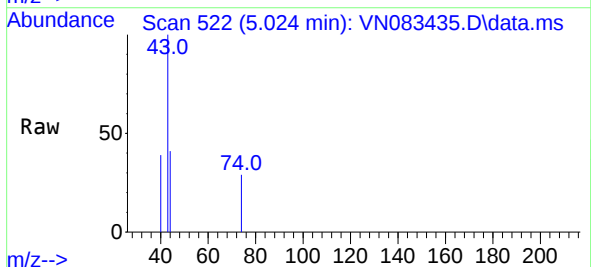


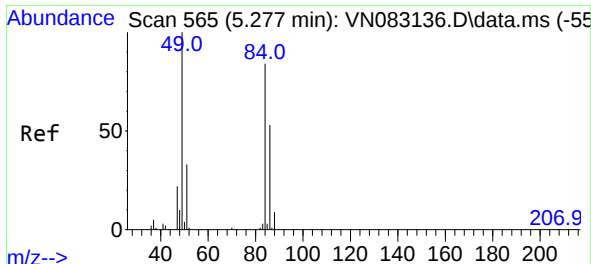
Tgt Ion: 76 Resp: 1763
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

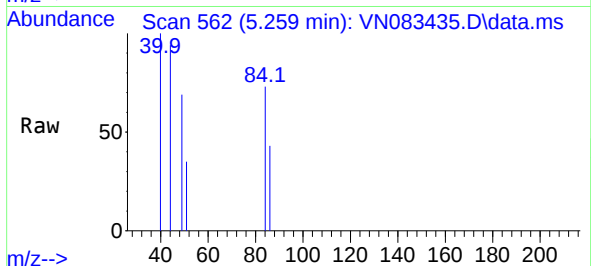
Tgt Ion: 43 Resp: 2576
Ion Ratio Lower Upper
43 100
74 14.8 16.3 24.5#





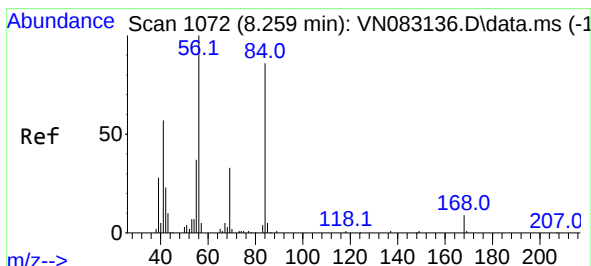
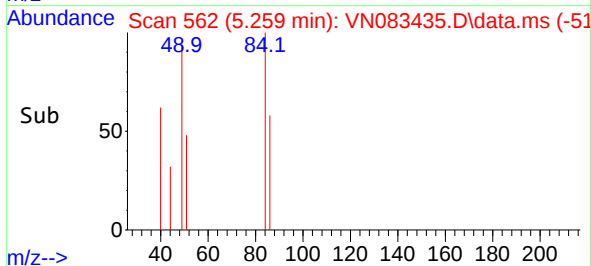
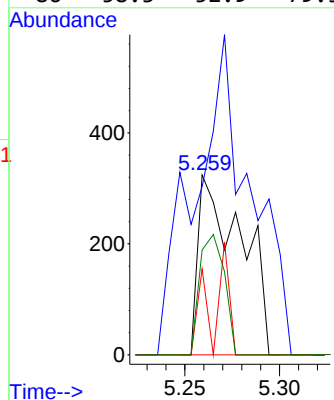
#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 5.259 min Scan# 511
Delta R.T. -0.018 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 511

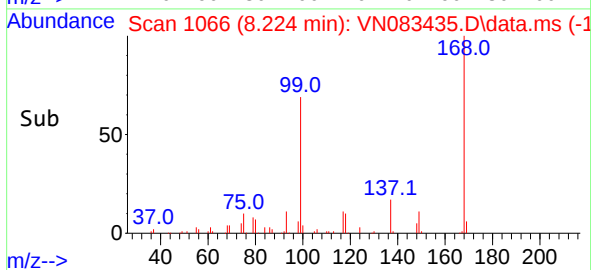
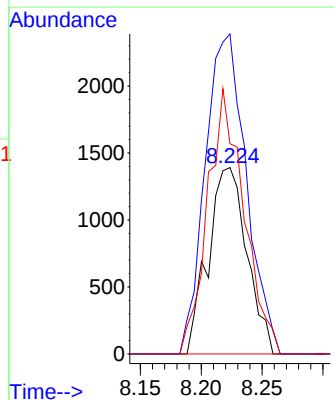
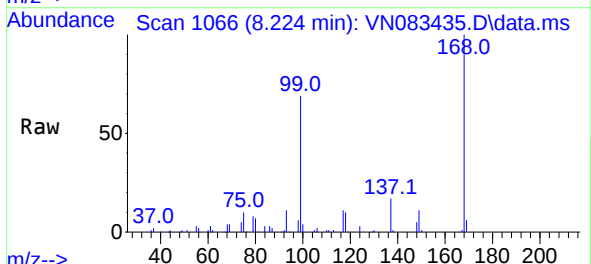
Ion	Ratio	Lower	Upper
84	100		
49	37.7	119.6	179.4#
51	47.8	34.8	52.2
86	58.3	52.9	79.3

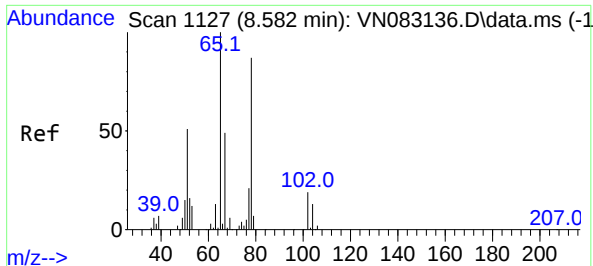


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 56 Resp: 3078

Ion	Ratio	Lower	Upper
56	100		
69	171.7	24.5	36.7#
84	112.8	66.0	99.0#

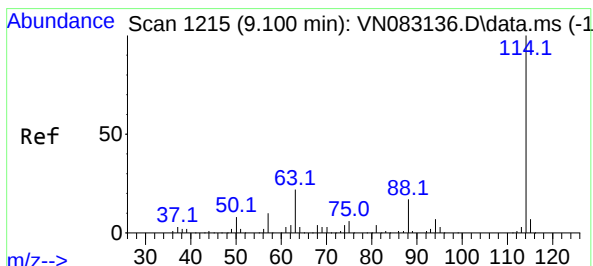
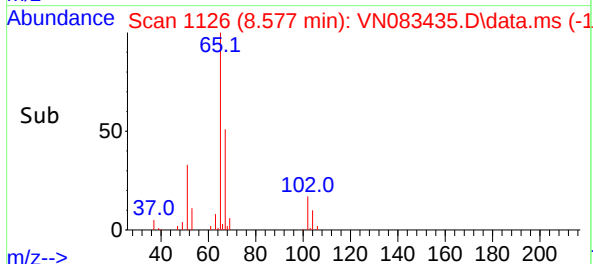
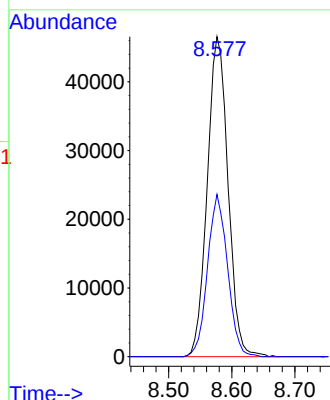
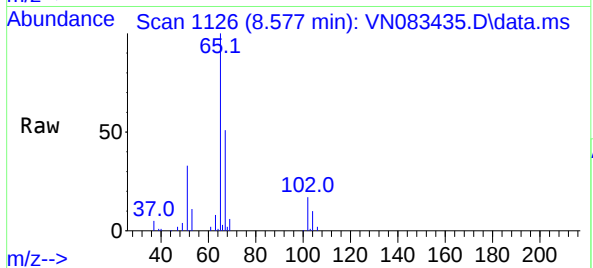




#33
1,2-Dichloroethane-d4
Concen: 59.741 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

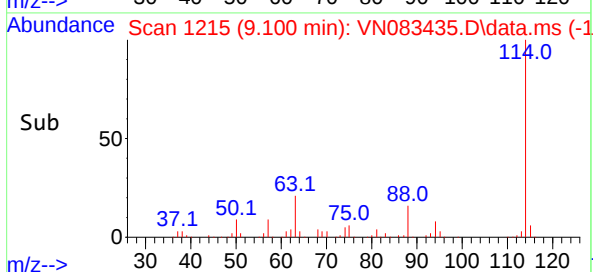
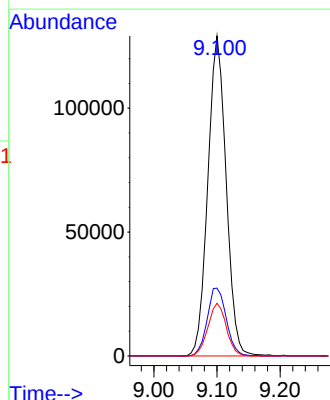
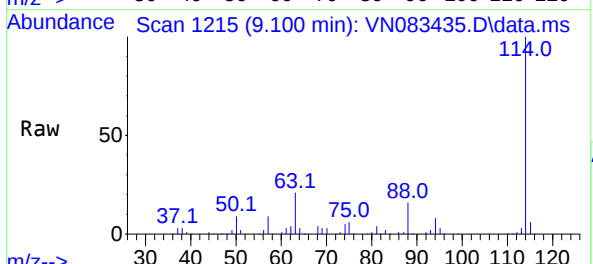
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MSVOA_N
ClientSampleId :

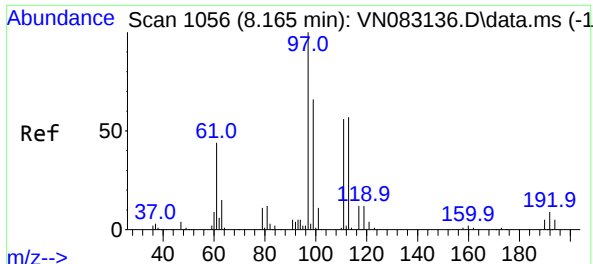
Tgt Ion: 65 Resp: 106402
Ion Ratio Lower Upper
65 100
67 48.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

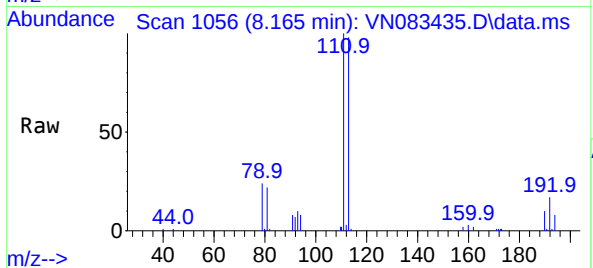
Tgt Ion:114 Resp: 259879
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 16.4 0.0 31.4



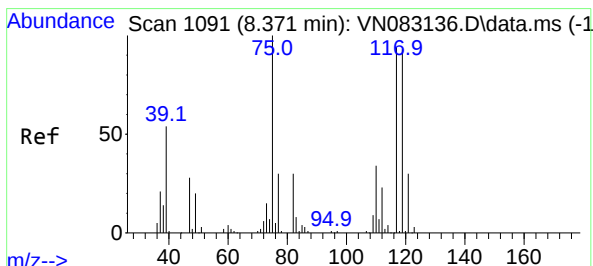
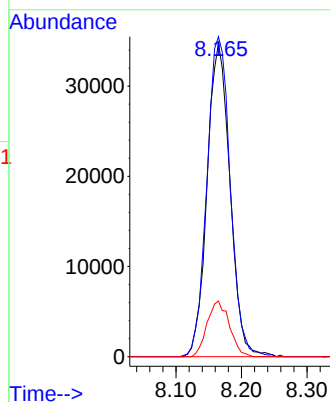
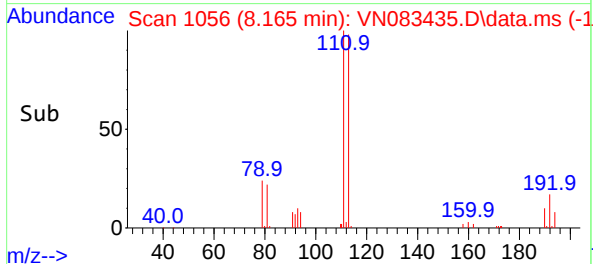


#35
Dibromofluoromethane
Concen: 52.001 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

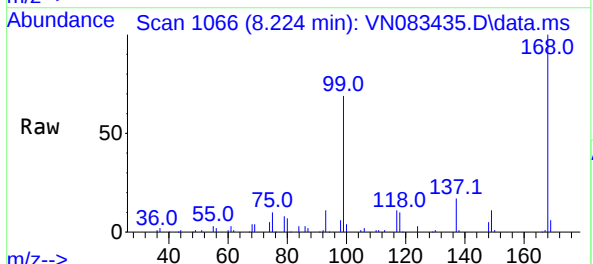
Instrument :
MSVOA_N
ClientSampleId :



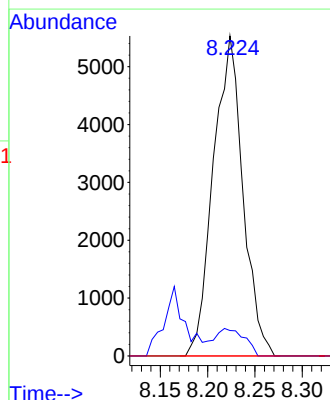
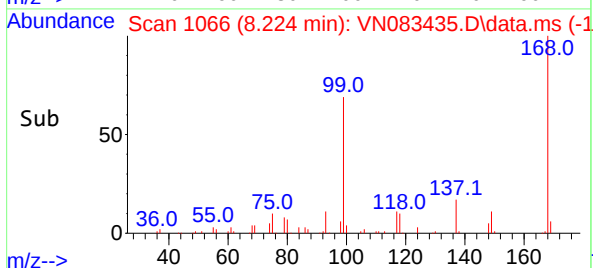
Tgt Ion:113 Resp: 84352
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 17.3 14.9 22.3

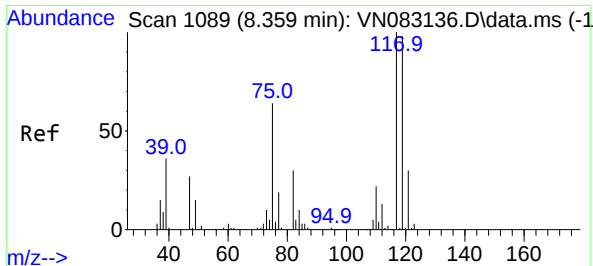


#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56



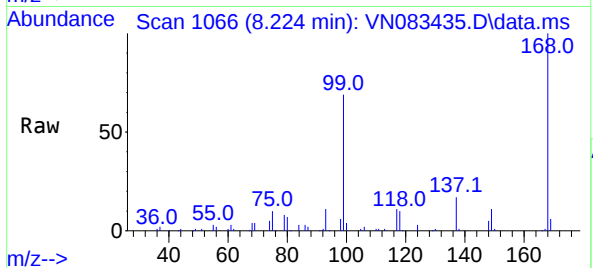
Tgt Ion: 75 Resp: 12021
Ion Ratio Lower Upper
75 100
110 8.3 16.3 48.9#
77 0.0 24.6 37.0#



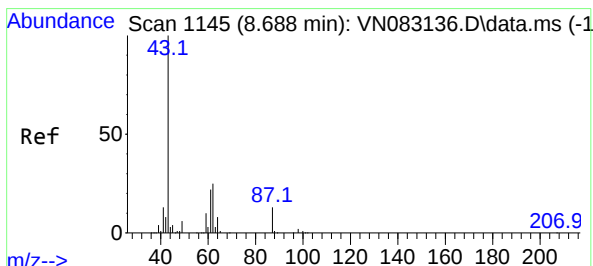
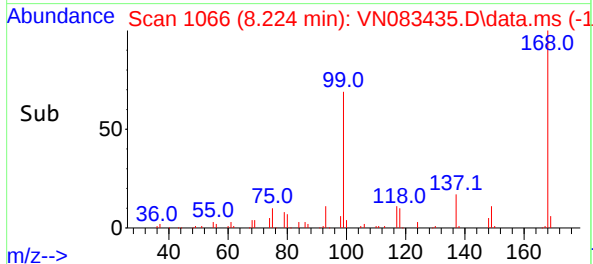
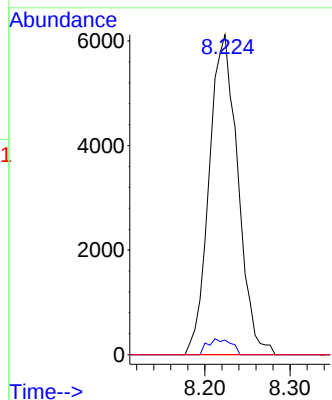


#38
Carbon Tetrachloride
Concen: 5.173 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

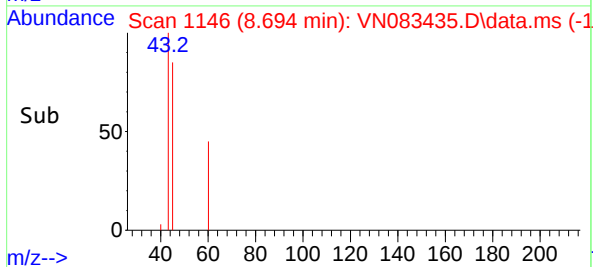
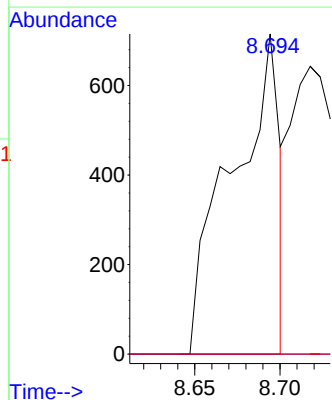
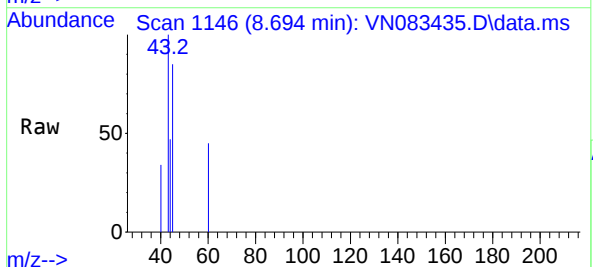


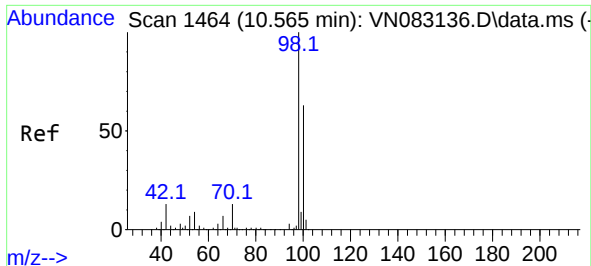
Tgt Ion:117 Resp: 14298
Ion Ratio Lower Upper
117 100
119 4.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

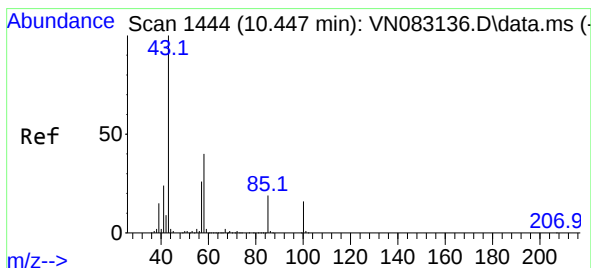
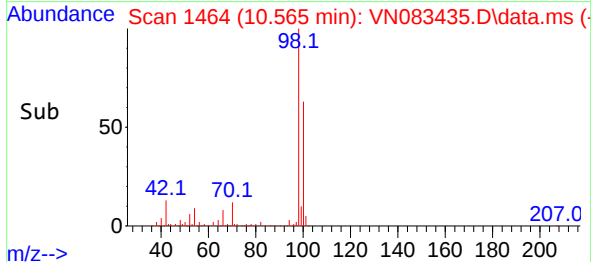
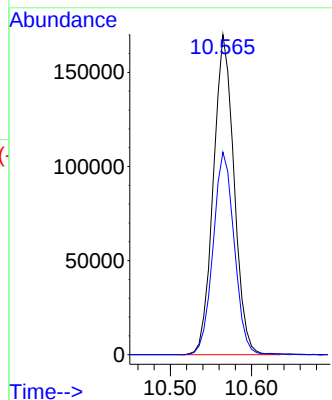
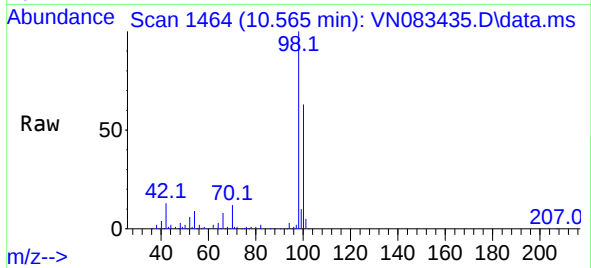




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

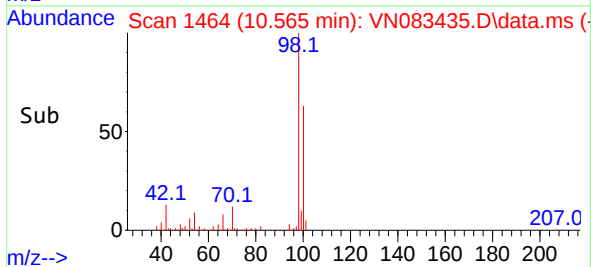
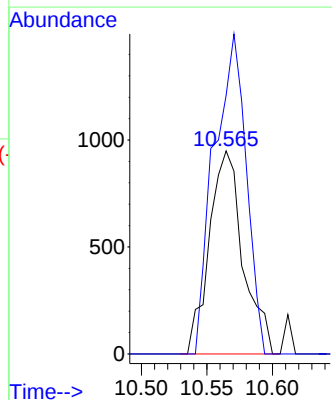
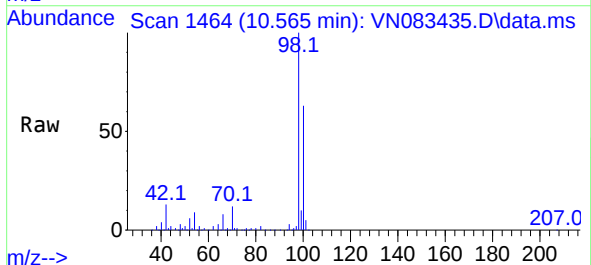
Instrument :
MSVOA_N
ClientSampleId :

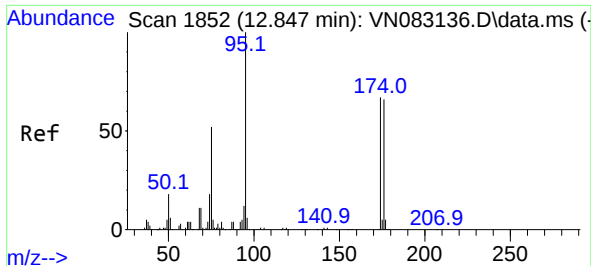
Tgt Ion: 98 Resp: 301135
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.655 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 149.7 28.2 42.4#

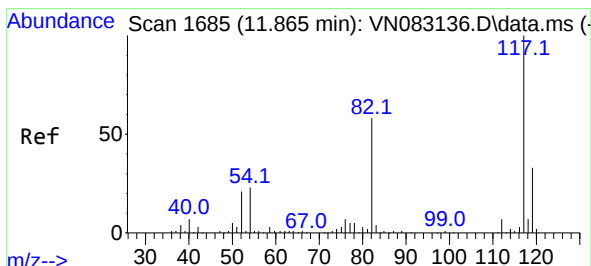
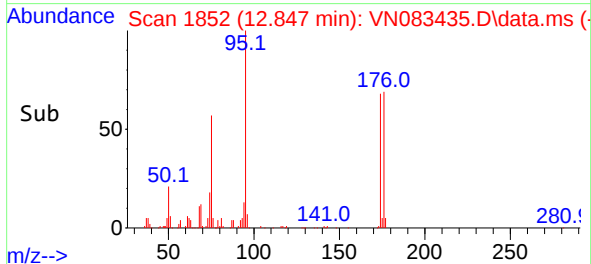
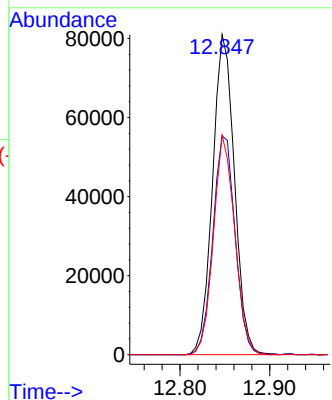
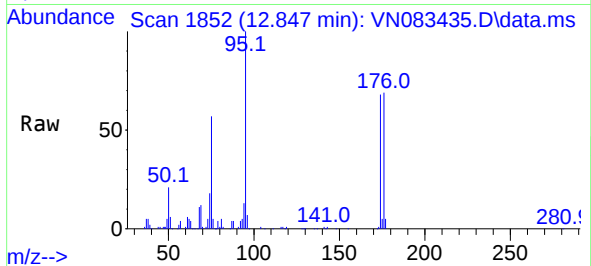




#62
4-Bromofluorobenzene
Concen: 58.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

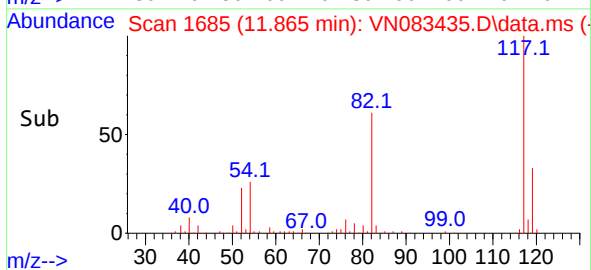
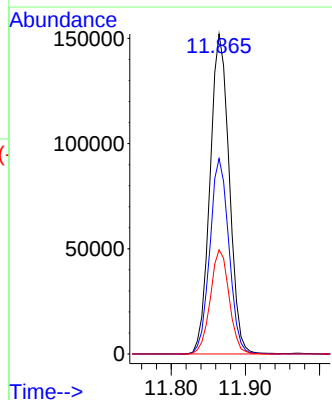
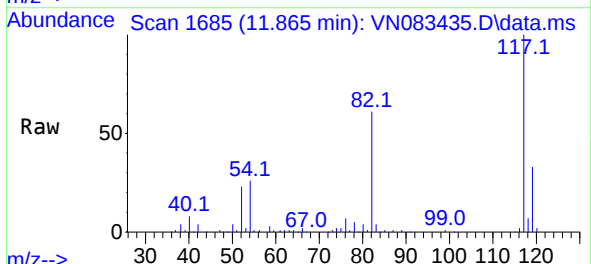
Instrument :
MSVOA_N
ClientSampleId :

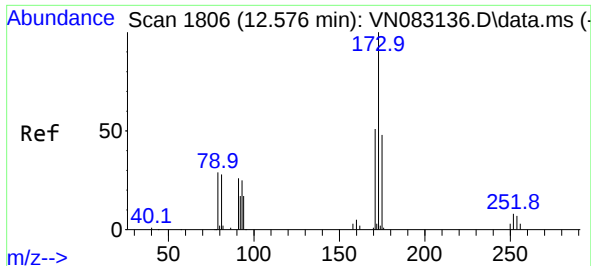
Tgt Ion: 95 Resp: 136881
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

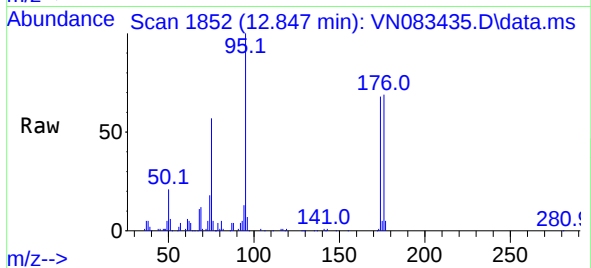
Tgt Ion: 117 Resp: 274177
Ion Ratio Lower Upper
117 100
82 61.1 47.5 71.3
119 32.5 25.6 38.4



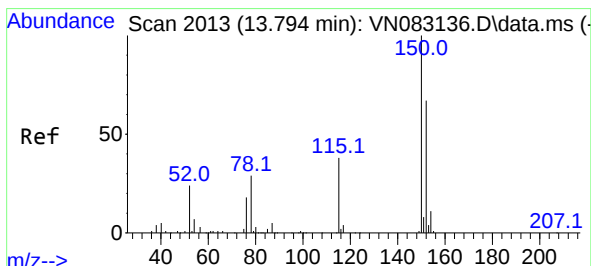
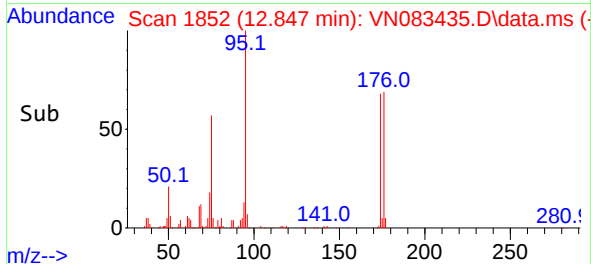
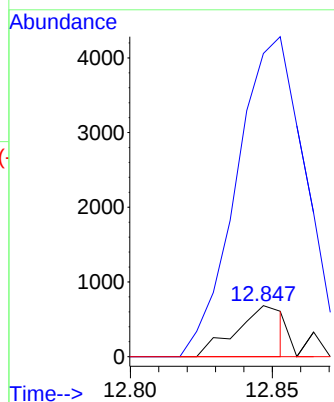


#71
Bromoform
Concen: 0.492 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

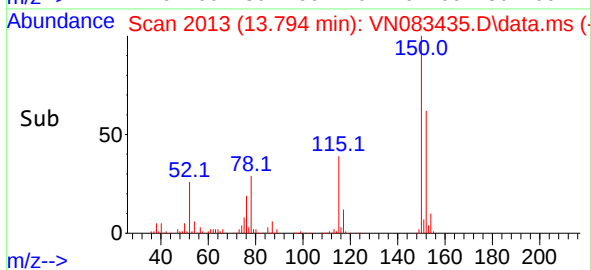
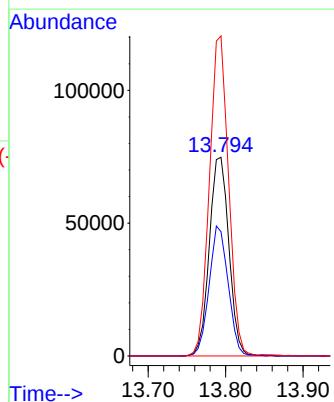
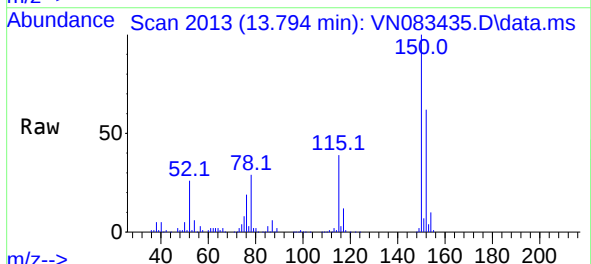


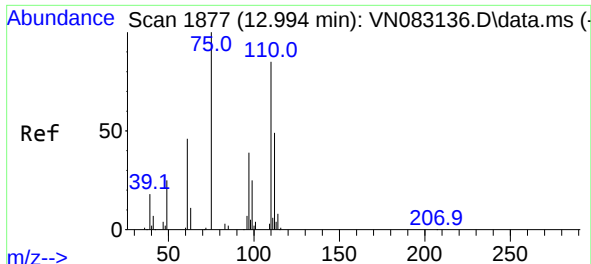
Tgt Ion:173 Resp: 796
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion:152 Resp: 131520
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 157.6 0.0 348.6

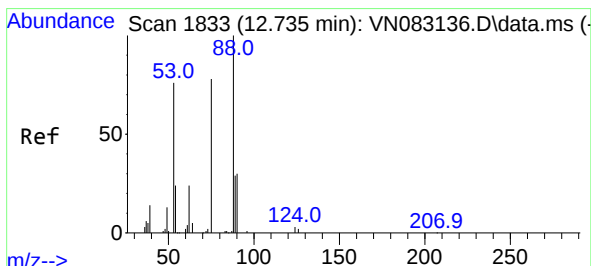
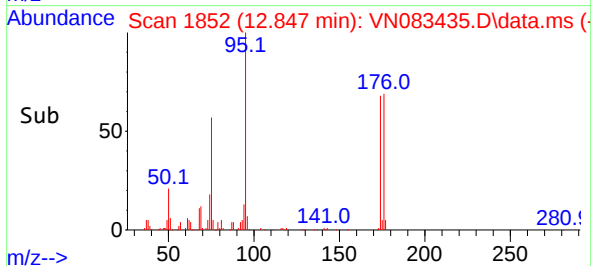
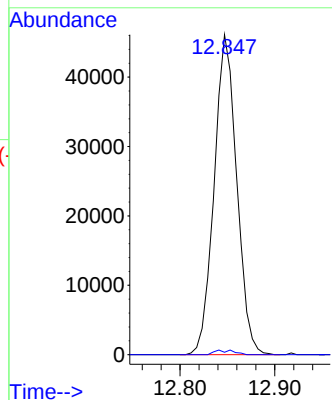
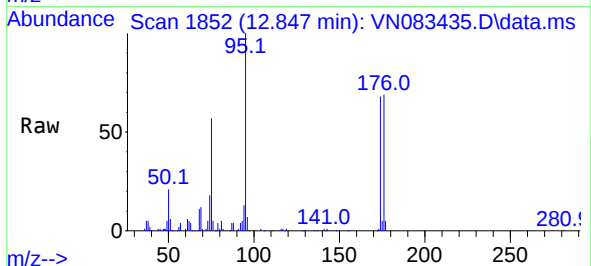




#76
1,2,3-Trichloropropane
Concen: 26.426 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 76279
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083435.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 75 Resp: 76279
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

